

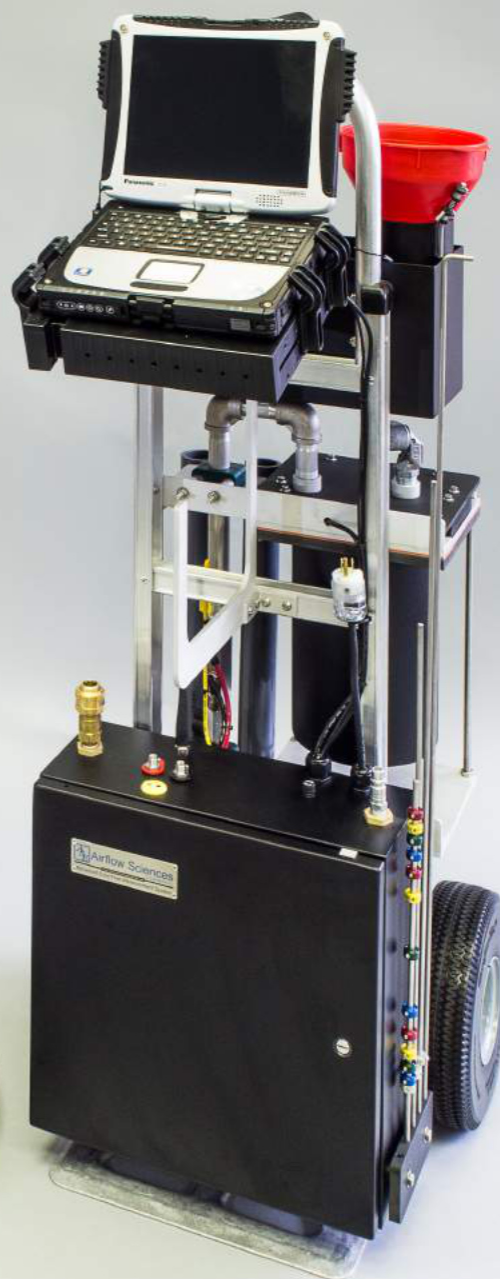
# ACFM™

## Primary Air and Pulverized Coal Flow Measurement System



### BENEFITS

- Improved accuracy and repeatability of coal pipe data
- Lower personnel costs
- Eliminate drudgery of coal pipe testing
- Obtain more consistent coal fineness samples
- Greatly reduce operator influence on results
- Complete more testing, faster





## SPECIFICATIONS

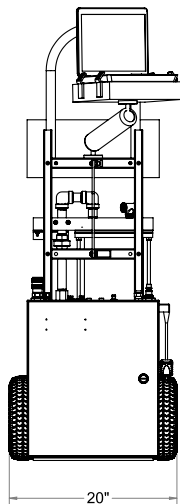
Interface	
Operating System	Windows®
User Interface	keyboard, touchscreen, three button RF remote controls (2)
Test Programs	ACFM program, MS Excel
Documentation	ACFM™ users manual

Hardware	
Dimensions	20" W x 20" D x 52" H
Weight	95 lbs
Environment	25°F to 135°F
Electrical Supply	120VAC or 240VAC 50/60 Hz
Electrical Enclosure	powder coated steel, NEMA 12 (dust tight)
Compressed Air Connection	quick disconnect x 1/2 FPT fitting supplied
Sample Collection Filter Bag	99% efficient @ 1 micron

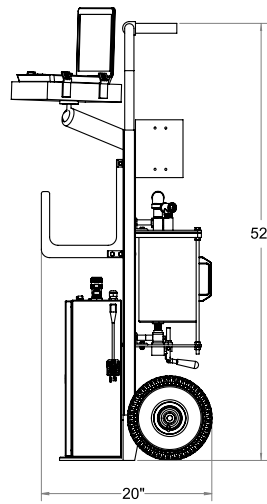
Instrumentation	
Primary Air Temperature	type K thermocouple, 32°F to 225°F, accuracy +/- 2°F
Primary Air Static Pressure	+/- 25 IWC, accuracy +/-0.5% FS
Primary Air Differential Pressure	+/- 5 IWC, accuracy +/-0.5% FS
Primary Air Velocity	20 to 160 ft/sec
Atmospheric Pressure	17.7 to 30.54 IHg, accuracy +/-0.25% FS
Sample Train Flow Meter	pressure and temperature compensated, +/-2% FS accuracy

Note: All instrumentation supplied with NIST traceable calibration

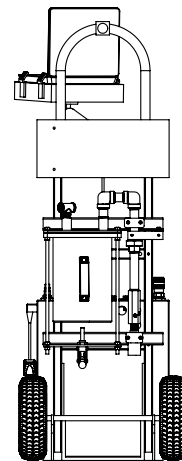
Information	
Support	10 hours telephone technical support
Warranty	one (1) year parts and labor on ACFM hardware and software. manufacturer's warranty on computer hardware.
Standard Delivery	2-6 weeks, depending on options
Compressed Air Supply	90 PSI, 25 CFM, clean and dry
Pipe Diameter	12" to 31" standard, extended range available
Test Ports Required	2 @ 90 degrees typical, 1.5" NPT or 2" NPT nipple and full port ball valve preferred
Coal Sample Size	100g to 500g typical



FRONT



SIDE



BACK